



Illinois Department of Natural Resources

One Natural Resources Way • Springfield, Illinois 62702-1271
<http://dnr.state.il.us>

Rod R. Blagojevich, Governor

Sam Flood, Acting Director

January 22, 2009

Tom Horak
City of Sandwich
144 East Railroad Street
Sandwich, Illinois 60548

Glen Tranowski
Strand Associates, Inc.
910 West Wingra Drive
Madison, Wisconsin 53715

RE: City of Sandwich FPA Amendment Request
IDNR Project #0905155

Dear Sirs:

This letter concerns the Endangered Species Consultation for the FPA located in the City of Sandwich in Kendall County. This project was submitted for consultation in accordance with the *Illinois Endangered Species Protection Act* [520 ILCS 10/11], the *Illinois Natural Areas Preservation Act* [525 ILCS 30/17], and Title 17 *Illinois Administrative Code* Part 1075.

The City of Sandwich seeks to add 463 acres to their Facility Planning Area. For purposes of this review, I have separated the Facility Planning Area amendment into a separate review from the proposed development. Please re-submit through EcoCAT and send detailed plans for the development when they become available.

The proposed action is in the vicinity of Fox River Illinois Natural Areas Inventory (INAI) site, Maramech Woods INAI Site, Milhurst Fen INAI Site, Maramech Woods Nature Preserve and Millhurst Fen Nature Preserve. The project area supports or has been recorded as supporting populations of the state-listed River Redhorse (*Moxostoma carinatum*). Please keep these resources in mind when planning future projects. Water quality and quantity are the issues most likely to impact these resources. Please submit project designs when they become available. Additional information is needed to adequately assess potential adverse impacts and to recommend measures to avoid, minimize, or mitigate adverse impacts to these resources.

To minimize water quality and water quantity issues, the proposed development should agree to incorporate best management practices to minimize stormwater pollution from the

development. These improvements may include rain gardens, lowering of outlet pipes from stormwater detention basins to prevent thermal pollution, use of vegetated filter strips and/or wetland plantings and armoring of the outlet weirs to maintain soil stabilization. Basins should incorporate the use of interior berms and maximize the spacing between inflow and outflow pipes to improve water quality treatment. Please continue to submit future projects within the Facility Planning Area.

Consultation on the part of the Department is terminated. In accordance with 17 Ill. Adm. Code 1075.40(h), the city must notify the Department of its decision regarding these recommendations, whether they will:

- Allow the action to proceed as originally proposed;
- Require the action to be modified per Department recommendations (please specify which measures if not all will be required); or
- Forgo the action.

This consultation is valid for two years unless new information becomes available that was not previously considered; the proposed action is modified; or additional species, essential habitat, or Natural Areas are identified in the vicinity. If the project has not been implemented within two years of the date of this letter, or any of the above listed conditions develop, a new consultation is necessary.

The natural resource review reflects the information existing in the Illinois Natural Heritage Database at the time of the project submittal, and should not be regarded as a final statement on the site being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are encountered during the project's implementation, you must comply with the applicable statutes and regulations. Also, note that termination does not imply IDNR's authorization or endorsement of the proposed action.

Please contact me if you have questions regarding this review.

Sincerely,

Tracy Evans
Impact Assessment
(217) 782-7940